

## SEQUENCE LISTING

<110> Lobel, Leslie  
Lustbader, Joyce

<120> EXPRESSION OF PROPERLY FOLDED AND SOLUBLE EXTRACELLULAR DOMAIN OF A GONADOTROPIN RECEPTOR

<130> 0575/62259/JPW/SHS

<160> 8

<170> PatentIn version 3.0

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<211> 1557

<212> DNA

<213> HOMO SAPIENS

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<213> Homo Sapiens

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Glu Tyr Gln Gly Lys Leu Thr Val Ala Lys Leu Asn Ile Asp Gln Asn  
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Pro Gly Thr Ala Pro Lys Tyr Gly Ile Arg Gly Ile Pro Thr Leu Leu  
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Leu Phe Lys Asn Gly Glu Val Ala Ala Thr Lys Val Gly Ala Leu Ser  
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Lys Gly Gln Leu Lys Glu Phe Leu Asp Ala Asn Leu Ala Gly Ser Gly  
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Ser Gly His Met His His His His His His Ser Ser Gly Leu Val Pro  
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Tyr Gly Leu Glu Ser Ile Gln Arg Leu Ile Ala Thr Ser Ser Tyr Ser  
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Cys Glu Ser Thr Val Arg Lys Val Asn Asn Lys Thr Leu Tyr Ser Ser  
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Cys Leu Pro Lys Thr Pro Arg Cys Ala Pro Glu Pro Asp Ala Phe Asn  
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<212> DNA

<213> Homo Sapiens

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<213> Homo Sapiens

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Pro Ser Gln Ala Phe Arg	Gly Leu Asn Glu Val	Ile Lys Ile Glu	Ile
	65	70	75
Ser Gln Ile Asp	Ser Leu Glu Arg Ile	Glu Ala Asn Ala Phe	Asp Asn
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Leu Leu Asn Leu Ser	Glu Ile Leu Ile Gln	Asn Thr Lys Asn	Leu Arg
	100	105	110
Tyr Ile Glu Pro Gly	Ala Phe Ile Asn Leu Pro	Arg Leu Lys Tyr	Leu
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Ser Ile Cys Asn Thr	Gly Ile Arg Lys Phe	Pro Asp Val Thr	Lys Val
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Phe Ser Ser Glu Ser	Asn Phe Ile Leu Glu	Ile Cys Asp Asn	Leu His
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Ile Thr Thr Ile	Pro Gly Asn Ala Phe	Gln Gly Met Asn	Asn Glu Ser
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Val Thr Leu Lys Leu	Tyr Gly Asn Gly Phe	Glu Glu Val Gln	Ser His
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Ala Phe Asn Gly Thr	Thr Leu Thr Ser Leu	Glu Leu Lys Glu	Asn Val
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His Leu Glu Lys Met	His Asn Gly Ala Phe	Arg Gly Ala Thr	Gly Pro
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Lys Thr Leu Asp Ile	Ser Ser Thr Lys Leu	Gln Ala Leu Pro	Ser Tyr
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			240

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 Leu Thr Tyr Pro Ser His Cys Cys Ala Phe Arg Asn Leu Pro Thr Lys  
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 Glu Gln Asn Phe Ser His Ser Ile Ser Glu Asn Phe Ser Lys Gln Cys  
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690

695

&lt;210&gt; 7

&lt;211&gt; 2088

&lt;212&gt; DNA

&lt;213&gt; Homo Sapiens

&lt;400&gt; 7

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<211> 695

<212> PRT

<213> Homo Sapiens

<400> 8

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Gly	Cys	His	His	Arg	Ile	Cys	His	Cys	Ser	Asn	Arg	Val	Phe	Leu	Cys
		20						25					30		

Gln	Glu	Ser	Lys	Val	Thr	Glu	Ile	Pro	Ser	Asp	Leu	Pro	Arg	Asn	Ala
		35					40					45			

Ile	Glu	Leu	Arg	Phe	Val	Leu	Thr	Lys	Leu	Arg	Val	Ile	Gln	Lys	Gly	50	55	60
Ala	Phe	Ser	Gly	Phe	Gly	Asp	Leu	Glu	Lys	Ile	Glu	Ile	Ser	Gln	Asn	65	70	75
Asp	Val	Leu	Glu	Val	Ile	Glu	Ala	Asp	Val	Phe	Ser	Asn	Leu	Pro	Lys	85	90	95
Leu	His	Glu	Ile	Arg	Ile	Glu	Lys	Ala	Asn	Asn	Leu	Leu	Tyr	Ile	Thr	100	105	110
Pro	Glu	Ala	Phe	Gln	Asn	Leu	Pro	Asn	Leu	Gln	Tyr	Leu	Leu	Ile	Ser	115	120	125
Asn	Thr	Gly	Ile	Lys	His	Leu	Pro	Asp	Val	His	Lys	Ile	His	Ser	Leu	130	135	140
Gln	Lys	Val	Leu	Leu	Asp	Ile	Gln	Asp	Asn	Ile	Asn	Ile	His	Thr	Ile	145	150	155
Glu	Arg	Asn	Ser	Phe	Val	Gly	Leu	Ser	Phe	Glu	Ser	Val	Ile	Leu	Trp	165	170	175
Leu	Asn	Lys	Asn	Gly	Ile	Gln	Glu	Ile	His	Asn	Cys	Ala	Phe	Asn	Gly	180	185	190
Thr	Gln	Leu	Asp	Ala	Val	Asn	Leu	Ser	Asp	Asn	Asn	Asn	Leu	Glu	Glu	195	200	205
Leu	Pro	Asn	Asp	Val	Phe	His	Gly	Ala	Ser	Gly	Pro	Val	Ile	Leu	Asp	210	215	220
Ile	Ser	Arg	Thr	Arg	Ile	His	Ser	Leu	Pro	Ser	Tyr	Gly	Leu	Glu	Asn	225	230	235
Leu	Lys	Lys	Leu	Arg	Ala	Arg	Ser	Thr	Tyr	Asn	Leu	Lys	Lys	Leu	Pro	245	250	255
Thr	Leu	Glu	Lys	Leu	Val	Ala	Leu	Met	Glu	Ala	Ser	Leu	Thr	Tyr	Pro	260	265	270

Ser His Cys Cys Ala Phe Ala Asn Trp Arg Arg Gln Ile Ser Glu Leu  
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 His Pro Ile Cys Asn Lys Ser Ile Leu Arg Gln Glu Val Asp Tyr Met  
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 Thr Gln Ala Arg Gly Gln Arg Ser Ser Leu Ala Glu Asp Asn Glu Ser  
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 Ser Tyr Ser Arg Gly Phe Asp Met Thr Tyr Thr Glu Phe Asp Tyr Asp  
 325 330 335  
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 Met Cys Asn Leu Ala Phe Ala Asp Leu Cys Ile Gly Ile Tyr Leu Leu  
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 Leu Glu Arg Trp His Thr Ile Thr His Ala Met Gln Leu Asp Cys Lys  
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 Ala Phe Ala Ala Ala Leu Phe Pro Ile Phe Gly Ile Ser Ser Tyr Met

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Lys	Val	Ser	Ile	Cys	Leu	Pro	Met	Asp	Ile	Asp	Ser	Pro	Leu	Ser	Gln				
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Leu	Ile	Phe	Thr	Asp	Phe	Leu	Cys	Met	Ala	Pro	Ile	Ser	Phe	Phe	Ala				
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Ile	Ser	Ala	Ser	Leu	Lys	Val	Pro	Leu	Ile	Thr	Val	Ser	Lys	Ala	Lys				
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Glu	Thr	Ser	Ser	Thr	Val	His	Asn	Thr	His	Pro	Arg	Asn	Gly	His	Cys				
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		675					680					685							
Leu	Ser	His	Leu	Ala	Gln	Asn													
	690					695													